

In the Claims

This listing of claims will replace all prior versions, and listings, of claims.

Listing of Claims

1. (Currently amended) A mounting assembly for fixing a main board on a housing of an electronic device, comprising:

a base having a first engaging portion; and

a clip disposed in the base slidably in a first direction and a second opposite direction, wherein when moving in the first direction, the clip fixes the main board, and in the second direction, releases the main board; the clip comprising :

a second engaging portion engaging the first engaging portion to limit the clip to only the first direction; and

an single actuating portion releasing the first and second engaging portions, when receiving a force, enabling the clip to be moved in either the first direction or the second direction;

wherein a locating member is provided on the base to slidably dispose the clip on the base.

2. (canceled)

3. (Currently amended) The mounting assembly as claimed in claim 21, wherein the locating member comprises two tracks.

4. (Original) The mounting assembly as claimed in claim 1, wherein the first engaging portion comprises at least one rack with a series of teeth.

5. (Original) The mounting assembly as claimed in claim 4, wherein the number of racks of the first engaging portion is increased or decreased to enable fine-tuning of the position of the clip.

6. (Original) The mounting assembly as claimed in claim 4, wherein the number of teeth of the rack is increased or decreased to enable fine-tuning of the position of the clip.

7. (Original) The mounting assembly as claimed in claim 1, wherein the first engaging portion comprises two adjacent racks with a series of teeth, staggered and not overlapping, to provide fine-tuning of the position of the clip.

8. (Original) The mounting assembly as claimed in claim 7, wherein the number of racks of the first engaging portion is increased or decreased to enable fine-tuning of the position of the clip.

9. (Original) The mounting assembly as claimed in claim 7, wherein the number of teeth of the rack is increased or decreased to enable fine-tuning the position of the clip.

10. (Original) The mounting assembly as claimed in claim 1, wherein the clip comprises a holding portion to hold the main board.

11. (Original) The mounting assembly as claimed in claim 10, wherein the holding portion comprises a recess to receive the main board.

12. (Original) The mounting assembly as claimed in claim 10, wherein the holding portion holds the main board at a predetermined height to maintain a distance between the main board and the housing of the electronic device.

13. (Original) The mounting assembly as claimed in claim 1, wherein the first direction is a direction in which the clip fixes the main board.

14. (Original) The mounting assembly as claimed in claim 1, wherein the second engaging portion comprises a plurality of hooks.

15. (Original) The mounting assembly as claimed in claim 1, wherein the second engaging portion comprises a plurality of teeth.

16. (Original) The mounting assembly as claimed in claim 1, wherein the first and second engaging portions are deflected in opposite directions.

17. (Original) The mounting assembly as claimed in claim 1, wherein the actuating portion releases the first and second engaging portions by raising the second engaging portion, enabling the clip to be moved in either the first direction or the second direction.

18. (Original) The mounting assembly as claimed in claim 1, wherein the second direction allows separation the main board and the electronic device.

19. (Withdrawn) A mounting assembly for fixing a main board on a housing of an electronic device, comprising:

a base having a first engaging portion and a locating member; and

a clip disposed in the base slidably in a first direction and a second opposite direction, wherein when moving in the first direction, the clip fixes the main board, and in the second direction, releases the main board, the locating member provided on the base to slidably dispose the clip on the base;

the clip comprising :

a second engaging portion engaging the first engaging portion to limit the clip to only the first direction; and

an actuating portion releasing the first and second engaging portions, which, when receiving force, enables the clip to be moved in either the first direction or the second direction.

20. (Withdrawn) The mounting assembly as claimed in claim 19, wherein the first engaging portion comprises at least one rack with a series of teeth.

21. (Withdrawn) The mounting assembly as claimed in claim 20, wherein the number of racks of the first engaging portion is increased or decreased to enable fine-tuning of the position of the clip.

22. (Withdrawn) The mounting assembly as claimed in claim 20, wherein the number of teeth of the rack is increased or decreased to enable fine-tuning of the position of the clip.

23. (Withdrawn) The mounting assembly as claimed in claim 19, wherein the first engaging portion comprises two adjacent racks with a series of teeth, staggered and not overlapping, to provide fine-tuning of the position of the clip.

24. (Withdrawn) The mounting assembly as claimed in claim 23, wherein the number of racks of the first engaging portion is increased or decreased to enable fine-tuning of the position of the clip.

25. (Withdrawn) The mounting assembly as claimed in claim 23, wherein the number of teeth of the rack is increased or decreased to enable fine-tuning of the position of the clip.

26. (Withdrawn) The mounting assembly as claimed in claim 19, wherein the locating member comprises two tracks.

27. (Withdrawn) The mounting assembly as claimed in claim 19, wherein the clip comprises a holding portion to hold the main board when the clip moves in the first direction.

28. (Withdrawn) The mounting assembly as claimed in claim 27, wherein the holding portion comprises a recess to receive the main board.

29. (Withdrawn) The mounting assembly as claimed in claim 27, wherein the holding portion holds the main board at a predetermined height to maintain a distance between the main board and the housing of the electronic device.

30. (Withdrawn) The mounting assembly as claimed in claim 19, wherein the first direction is a direction in which the clip fixes the main board.

31. (Withdrawn) The mounting assembly as claimed in claim 19, wherein the second engaging portion comprises a plurality of hooks.

32. (Withdrawn) The mounting assembly as claimed in claim 19, wherein the second engaging portion comprises a plurality of teeth.

33. (Withdrawn) The mounting assembly as claimed in claim 19, wherein the first and second engaging portions are deflected in opposite directions.

34. (Withdrawn) The mounting assembly as claimed in claim 19, wherein the actuating portion releases the first and second engaging portions by raising the second engaging portion, enabling the clip to be moved in either the first direction or the second direction.

35. (Withdrawn) The mounting assembly as claimed in claim 19, wherein the second direction allows separation the main board and the electronic device.

36. (Withdrawn) A mounting assembly to secure a main board in a housing of an electronic device, the main board comprising a edge contacting the mounting assembly, the mounting assembly comprising:

a base disposed on the housing of the electronic device; and

a clip disposed in the base slidably in a first direction and a second opposite direction, wherein when moving in the first direction, the clip fixes the main board, and in the second direction, releases the main board, and an acute angle is formed between the first and second directions and the edge.

37. (Withdrawn) The mounting assembly as claimed in claim 36, wherein the clip comprises a body and an actuating portion, the body slidably moving in the base and the actuating portion pivoting with the body.

38. (Withdrawn) The mounting assembly as claimed in claim 37, wherein the body of the clip comprises two flanges extending from both sides of the body, and the clip slides in the base via the two flanges.

39. (Withdrawn) The mounting assembly as claimed in claim 37, wherein the base comprises a first engaging portion and the clip comprises a second engaging portion connected

to the actuating portion, the first engaging portion engages the second engaging portion to limit the clip to only the first direction, and the actuating portion releases the first and second engaging portions, enabling the clip to be moved in either the first direction or the second direction.

40. (Withdrawn) The mounting assembly as claimed in claim 39, wherein the first engaging portion comprises at least one rack with a series of teeth.

41. (Withdrawn) The mounting assembly as claimed in claim 39, wherein the first engaging portion comprises two adjacent racks with a series of teeth, staggered and not overlapping, to provide fine-tuning of the position of the clip.

42. (Withdrawn) The mounting assembly as claimed in claim 39, wherein the second engaging portion comprises a hook.

43. (Withdrawn) The mounting assembly as claimed in claim 39, wherein the body comprises a hole, and the actuating portion comprises a tab engaging the hole to prevent the first and second engaging portions from separating.

44. (Withdrawn) The mounting assembly as claimed in claim 36, wherein the base comprises an obstacle to prevent the clip and the base from separating.

45. (Withdrawn) The mounting assembly as claimed in claim 44, wherein the obstacle comprises a wedge-shaped block.

46. (Withdrawn) The mounting assembly as claimed in claim 36, wherein the base comprises a locating member to secure the clip thereon.

47. (Withdrawn) The mounting assembly as claimed in claim 46, wherein the locating member comprises two tracks.

48. (Withdrawn) The mounting assembly as claimed in claim 36, wherein the clip comprises a first supporting portion abutting the main board.

49. (Withdrawn) The mounting assembly as claimed in claim 48, wherein the clip further comprises a second supporting portion fixed to the main board.

50. (Withdrawn) The mounting assembly as claimed in claim 49, wherein the first supporting portion comprises a ramp facing the locating member, and the ramp contacts the edge of the main board when the clip is fixed the main board.

51. (Withdrawn) The mounting assembly as claimed in claim 49, wherein the first supporting portion comprises a plurality of ribs facing the locating member, the surfaces of the ribs constituting a ramp.

52. (Withdrawn) The mounting assembly as claimed in claim 36, wherein the base comprises a stem separating the base from the housing of the electronic device.

53. (Withdrawn) The mounting assembly as claimed in claim 36, wherein the base is rectangular and comprises a first engaging portion disposed thereon.

54. (Withdrawn) The mounting assembly as claimed in claim 53, wherein the base further comprises two locating members disposed on both sides of the base, with the first engaging portion disposed therebetween.

55. (Withdrawn) The mounting assembly as claimed in claim 54, wherein the base further comprises a stem disposed at one end of the base separating the base from the housing of the electronic device.